Industrial

Industrial Switch 10/100BASE-TX Unmanaged

industrial switch

SISTF1040-162D-LRT

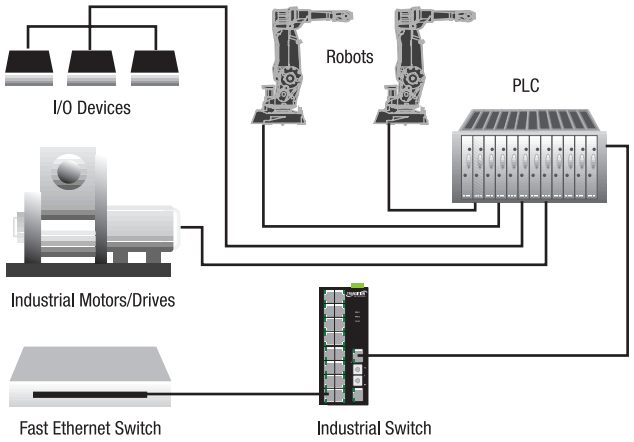
(16) 10/100Base-TX ports + (2) 10/100/1000Base-T or 100/1000Base-X SFP Combo Ports

Transition Networks' Industrial Switches are hardened devices designed to reliably operate in harsh environments such as those found on factory floors, outdoor enclosures or other hazardous environments.

Features

- Auto-Negotiation
- AutoCross™ [
- Full Wire Speed Performance with 7 Gbps Backplane
- Combo SFP ports support 100Base-FX and 1000Base-X SFPs
- Combo RJ-45 ports support 10/100/1000Base-T
- Extended (-40°C to 75°C) Operating Temperature
- Dry Contact Relay Alarm Output
- Dual, Redundant, Auto-Sensing 12-48 VDC Power Inputs
- Reverse Polarity Power Input Protection
- Overload Current Protection
- DIN Rail Mounting and Wall Mount Brackets Included

Utilize Ethernet Connectivity in Industrial Automation



Specifications

Standards	IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3z, IEEE 802.3x
Data Rate	**Copper (ports 1-16):** 10/100 Mbps **Copper (ports 17-18):** 10/100/1000 Mbps **SFP:** 100/1000 Mbps
Filtering Addresses	8K MAC Addresses
Data Memory Buffer	1 Mb
Backplane	7.2 Gbps
Status LEDs	**PWR 1 (Power):** ON = primary power connected **PWR 2 (Power):** ON = backup power connected **FAULT:** ON = power input failure on PWR1 or PWR2 **LNK/ACT:** ON = Link; FLASHING = data transmitting **FDX/COL:** ON = Full duplex mode; FLASHING = collisions occuring
Dimensions	**W:** 2.8" [72 mm] **D:** 4.1" [105 mm] **H:** 6.0" [152 mm]
Ingress Protection	IP 30
Input Power	12 to 48 VDC; redundant inputs with reverse polarity protection
Power Consumption	9 Watts
Environment	-40 to +75°C extended operating temperature; 5% – 95% humidity non-condensing;0-10,000 ft. altitude -40 to +85°C storage temperature
Shipping Weight	3 lbs. [1.36 kg]
Safety	UL, cUL, CE/EN60950-1
EMI Compliance	CISPR22/EN55022; EN60950 Class A; FCC Class A; CE Mark; CE EN61000-4-2; CE EN61000-4-3; CE EN-61000-4-4; CE EN61000-4-5; CE EN61000-4-6; CE EN61000-4-8; CE EN61000-4-11; CE EN61000-4-12; CE EN61000-6-2; CE EN61000-6-4
Environmental	IEC60068-2-32 (Free fall); IEC60068-2-27 (Shock); IEC60068-2-6 (Vibration)
Warranty	Lifetime

Ordering Information

Extended Operating Temperature

-40°C to +75°C

SISTF1040-162D-LRT
(16) 10/100BASE-TX (RJ-45)
[100 m/328 ft.]
with (2) 10/100/1000BASE-T (RJ-45)
or 100/1000BASE-X SFP Combo ports

Optional Accessories *(sold separately)*

SFP Modules

External AC/DC Power Supply

SPS-UA12DHT
(100-240 VAC input
0°C to +70°C operating temperature)
25083
Universal AC/DC Input DIN Rail Mountable
+12 VDC Power Supply

TRANSITION NETWORKS